

Connecting via Winsock to STN

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LOGINID:ssptajem1625

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JAN 02	STN pricing information for 2008 now available
NEWS	3	JAN 16	CAS patent coverage enhanced to include exemplified prophetic substances
NEWS	4	JAN 28	USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats
NEWS	5	JAN 28	MARPAT searching enhanced
NEWS	6	JAN 28	USGENE now provides USPTO sequence data within 3 days of publication
NEWS	7	JAN 28	TOXCENTER enhanced with reloaded MEDLINE segment
NEWS	8	JAN 28	MEDLINE and LMEDLINE reloaded with enhancements
NEWS	9	FEB 08	STN Express, Version 8.3, now available
NEWS	10	FEB 20	PCI now available as a replacement to DPCI
NEWS	11	FEB 25	IFIREF reloaded with enhancements
NEWS	12	FEB 25	IMSPRODUCT reloaded with enhancements
NEWS	13	FEB 29	WPINDEX/WPIDS/WPIX enhanced with ECLA and current U.S. National Patent Classification
NEWS	14	MAR 31	IFICDB, IFIPAT, and IFIUDB enhanced with new custom IPC display formats
NEWS	15	MAR 31	CAS REGISTRY enhanced with additional experimental spectra
NEWS	16	MAR 31	CA/CAPLUS and CASREACT patent number format for U.S. applications updated
NEWS	17	MAR 31	LPCI now available as a replacement to LDPCI
NEWS	18	MAR 31	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	19	APR 04	STN AnaVist, Version 1, to be discontinued
NEWS	20	APR 15	WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS	21	APR 28	EMBASE Controlled Term thesaurus enhanced
NEWS	22	APR 28	IMSRESEARCH reloaded with enhancements
NEWS EXPRESS	FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3, AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008		
NEWS HOURS	STN Operating Hours Plus Help Desk Availability		
NEWS LOGIN	Welcome Banner and News Items		
NEWS IPC8	For general information regarding STN implementation of IPC 8		

Enter NEWS followed by the item number or name to see news on that specific topic.

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***** STN Columbus *****

FILE 'HOME' ENTERED AT 12:27:57 ON 13 MAY 2008

=> FIL REGISTRY

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 12:28:15 ON 13 MAY 2008

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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 12 MAY 2008 HIGHEST RN 1020399-29-4

DICTIONARY FILE UPDATES: 12 MAY 2008 HIGHEST RN 1020399-29-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

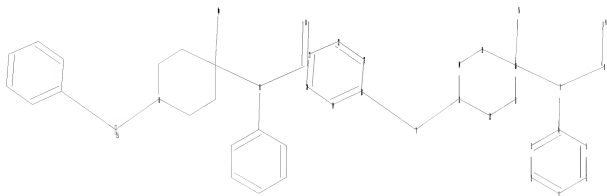
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10-533,833-1.str



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chain nodes :
7 8 9 16 17
ring nodes :
1 2 3 4 5 6 10 11 12 13 14 15 18 19 20 21 22 23
chain bonds :
4-7 7-8 7-10 8-9 10-16 13-17 17-18
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 10-11 10-15 11-12 12-13 13-14 14-15 18-19
18-23 19-20 20-21 21-22 22-23
exact/norm bonds :
4-7 7-8 7-10 8-9 10-11 10-15 10-16 11-12 12-13 13-14 13-17 14-15
exact bonds :
17-18
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 18-19 18-23 19-20 20-21 21-22 22-23

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Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:CLASS 18:Atom 19:Atom
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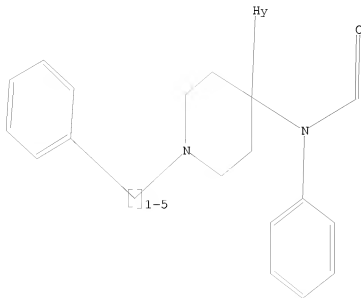
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L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 12:28:37 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 409 TO ITERATE

100.0% PROCESSED 409 ITERATIONS

9 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 6967 TO 9393

PROJECTED ANSWERS: 9 TO 360

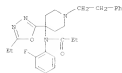
L2 9 SEA SSS SAM L1

=> d scan

05/13/2008

10-533,833-1.trn

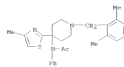
L2 9 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Propanamide, N-[4-(5-ethyl-1,3,4-oxadiazol-2-yl)-1-(2-phenylethyl)-4-
 piperidinyl]-8-(2-fluorophenyl)-
 MF C26 H32 N4 F 03
 CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1)11

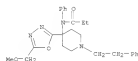
L2 9 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Acetanide, N-[5-[12,4-dimethylphenyl)methyl]-4-(4-methyl-2-thiazolyl)-4-
 piperidinyl]-8-phenyl-
 MF C26 H33 N4 O 2
 CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1)11

L2 9 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Propanamide, N-[4-[5-(methoxymethyl)-1,3,4-oxadiazol-2-yl]-1-(2-
 phenylethyl)-4-piperidinyl]-8-phenyl-2,4-methoxychloride (SC1)
 MF C26 H32 N4 O3 . Cl 1
 CI COM

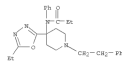


● SC1

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1)11

L2 9 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Propanamide, N-[4-(5-ethyl-1,3,4-oxadiazol-2-yl)-1-(2-phenylethyl)-4-
 piperidinyl]-8-phenyl-
 MF C26 H32 N4 O2
 CI COM



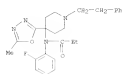
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1)11

05/13/2008

10-533,833-1.trn

L2 9 ANSMEES REGISTRY COPYRIGHT 2008 ACS on STM
IN Propanamide,
N-[2-(4-fluorophenyl)-N-[4-(4-methyl-1,3,4-oxadiazol-2-yl)-1-(2-phenylethyl)-4-piperidinyl]-2-phenylethyl]-4-piperidinyl-1-
MF C25 H29 F N4 O2
CI COH

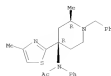


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSMEES DO YOU WISH TO SCAN? (1)1

L2 9 ANSMEES REGISTRY COPYRIGHT 2008 ACS on STM
IN Acetanide,
N-[(2R,4R)-2-methyl-4-(4-methyl-2-thiazolyl)-1-(phenylethyl)-1-piperidinyl]-N-phenyl-, (2R)-2-butenedioate (1:1) (SC1)
MF C25 H29 N3 O5 . C4 H4 O4
CI

Relative stereochemistry.



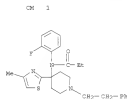
CH 2

Double bond geometry as shown.



HOW MANY MORE ANSMEES DO YOU WISH TO SCAN? (1)1

L2 9 ANSMEES REGISTRY COPYRIGHT 2008 ACS on STM
IN Propanamide, N-[2-(4-fluorophenyl)-N-[4-(4-methyl-2-thiazolyl)-1-(2-phenylethyl)-4-piperidinyl]-2-phenylethyl]-4-piperidinyl-1-
MF C26 H30 F N3 O5 . C2 H2 O4
CI



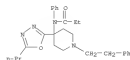
CH 2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSMEES DO YOU WISH TO SCAN? (1)1

L2 9 ANSMEES REGISTRY COPYRIGHT 2008 ACS on STM
IN Propanamide, N-phenyl-N-[1-(2-phenylethyl)-4-(5-propyl-1,3,4-oxadiazol-2-yl)-4-piperidinyl]-, monohydrochloride (SC1)
MF C27 H34 N4 O2 . Cl H



● HCl

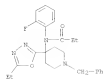
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSMEES DO YOU WISH TO SCAN? (1)1

05/13/2008

10-533,833-1.trn

LS 9 AUTHOR'S REGISTRY COPYRIGHT 2008 ACS on SYN
IN Propanamide, N-[4-(5-ethyl-2,3,4-oxadiazol-2-yl)-3-(phenylmethyl)-4-piperidinyl]-N-(2-fluorophenyl)-
MF C25H29F N4 O2



***PDBERT DATA AVAILABLE IN THE "PDB" FORMAT**

ALL AUTHORS HAVE BEEN SCANNED

05/13/2008

10-533,833-1.trn

=> s 11 sss full

FULL SEARCH INITIATED 12:29:44 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 8097 TO ITERATE

100.0% PROCESSED 8097 ITERATIONS

161 ANSWERS

SEARCH TIME: 00.00.01

L3

161 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

179.28

179.49

FILE 'CAPLUS' ENTERED AT 12:29:54 ON 13 MAY 2008

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FILE COVERS 1907 - 13 May 2008 VOL 148 ISS 20

FILE LAST UPDATED: 12 May 2008 (20080512/ED)

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<http://www.cas.org/legal/infopolicy.html>

=> s 13

L4

5 L3

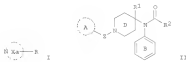
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YOU HAVE REQUESTED DATA FROM 5 ANSWERS - CONTINUE? Y/(N):y

44 ANIMEX 1 OF 5
ACCESSION NUMBER: 2006:423817 CAPLUS
DOCUMENT NUMBER: 145:7122
TITLE: Preparation of 4-phenylaminopiperidine derivatives as
neurexin II receptor regulator
INVENTOR(S): Kajiyo, Masahiro; Hirata, Shoji; Tsurui, Naoki;
Yanashita, Toshiro; Nakagawa, Yutaka
PATENT ASSIGNEE(S): Takeda Chemical Industries, Ltd., Japan
SOURCE: PCT Int. Appl., 155 pp.
DOCUMENT NUMBER: CAPLUS P00020
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY AND NUM. COUNTS: 1
PATENT INFORMATION: 1

[illegible]

OTHER SOURCE(S) :
GI



ASBMSX 0-5 5 CAPLDS COP202087 2008 ACS on SPIN (Continued)

620732-90-79	620732-90-79	620732-94-79
620732-95-79	620732-95-79	620732-95-79
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620732-65-99	620732-66-99	620732-67-99
620732-68-89	620732-69-39	620732-70-29
620732-71-99	620732-72-99	620732-73-99

ML PAC (Pharmacological activity); TSD (Synthetic preparation); TSD (Therapeutic use); ZOL (Zoological study); PRED (Preparation); USES (Uses)

prep. of γ -benzylphenylglycidide derivs. as antagonists of neuroleptics

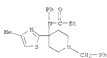
U receptor antagonists as preventives/therapeutic agents of diseases related to neuroendocrine U)

NO 122823-27-2 CAPLUS

CO Propanamide,

N-[4-(4-methyl-2-thiazolyl)-1-(phenylmethyl)-4-piperidinyl]-N-phenyl-2-ethanesulfonamide (1:1) (CA INDEX NAME)

CH 1
CNR 120070-49-7
CMT C25, M25, M2, Q, M



CM	2
CF2N	144-62-7
CME	C2, H2, O

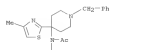
14 ANSWER 1 OF 5 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)
26 Disclosed are neurexinin U receptor regulator containing compds. having a
partial structure represented by the formula (I) (wherein ring Xa
represents a nitrogenous ring and R represents optionally substituted
amino) or salts thereof, more specifically 4-(N-acyl-N-

[illegible]

chloride. **III** (C13) was prepared by 24 h to give, after salt formation with oxalic acid, N-[3-benzyl-4-(4-methylthiazol-2-yl)-4-piperidinyl]-N-phenylacetanilide oxalate (**III**). **III** showed IC₅₀ of 0.024 μ M for inhibiting the competitive binding of [¹²⁵I]saremedin U-8 to CHO cells expressing human neuromedin U receptor PM-3. A coated tablet and an aqueous formulation containing **III** were also prepared.

69272-84-5
N1: PAC (Pharmacological activity); ECT (Easitant); SBN (Synthetic base); TBO (Therapeutic use); BGL (Biological study); PREP (Preparation); FACT (Fascent or reagent); USES (Uses).
[Preparation of 4-phenylaminopiperidine derivative as antagonist of neuromedin]

	U receptor	4-3 as preventives/therapeutic agents of diseases related to neuroendin U)
IN	690272-84-5	CAPLOS
CN	Acetanide, N-[4-(4-methyl-2-thiazolyl)-1-(phenylmethyl)-4-piperidinyl]-N-phenyl- (CA INDEX NAME)	

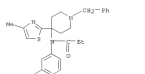


17 122823-27-2P 690272-78-7P 690272-79-8P
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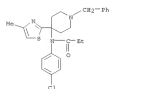
14 ANSWER 1 OF 5 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)



Q2 690272-78-7 CAPLUS
Q3 Propanamide, N-(3-chlorophenyl)-N-[4-(4-methyl-2-thiazolyl)-2-(phenylmethyl)-4-piperidinyl]- (CA INDEX NAME)



FN 690272-79-8 CAPLOS
 CN Propanamide, N-(4-chlorophenyl)-N-[4-(4-methyl-2-thiazolyl)-1-(phenylmethyl)-4-piperidinyl]- (CA INDEX NAME)

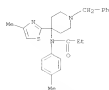


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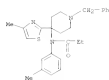
001 690272-80-1  CAPLOS
002 Propanamide, N-(4-methylphenyl)-N-[4-(4-methyl-2-thiazolyl)-1-
003 (phenylmethyl)-4-piperidinyl]- (CA INDEX NAME)

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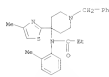
14 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



391 690272-81-2 CAPLUS
 C31 Propanamide, N-[(4-methylphenyl)-N-[(4-methyl-2-thiazolyl)-1-phenylmethyl]-4-piperidinyl]- (CA INDEX NAME)



392 690272-82-3 CAPLUS
 C31 Propanamide, N-[(4-methylphenyl)-N-[(4-methyl-2-thiazolyl)-1-phenylmethyl]-4-piperidinyl]- (CA INDEX NAME)



393 690272-83-4 CAPLUS
 C31 Acetanide, N-[(4-methylphenyl)-N-[(4-methyl-2-thiazolyl)-1-phenylmethyl]-4-piperidinyl]-N-phenyl-, ethanedisulfonate (1:1) (CA INDEX NAME)

14 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CHN 144-62-7
 CNF C24 R27 N3 O 8



394 690272-84-5 CAPLUS
 C31 Propanamide, N-[(4-methylphenyl)-N-[(4-methyl-2-thiazolyl)-1-phenylmethyl]-4-piperidinyl]-N-phenyl-, ethanedisulfonate (1:1) (CA INDEX NAME)

CHN 1

CHN 122823-31-8
 CNF C24 R27 N3 O 8



CHN 2

CHN 144-62-7
 CNF C2 R2 O4



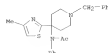
395 690272-92-3 CAPLUS
 C31 Propanamide, N-[(4-methylphenyl)-N-[(4-methyl-2-thiazolyl)-1-phenylmethyl]-4-piperidinyl]-N-phenyl-, (2S)-2-butanedisulfonate (1:1) (CA INDEX NAME)

CHN 1

CHN 122823-31-8
 CNF C24 R22 N3 O 8

14 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CHN 1
 CHN 690272-84-5
 CNF C24 R27 N3 O 8



CHN 2

CHN 144-62-7
 CNF C2 R2 O4



396 690272-88-9 CAPLUS
 C31 Propanamide, N-phenyl-N-[(1-phenylmethyl)-4-(2-pyridinyl)-4-piperidinyl]-, ethanedisulfonate (1:1) (CA INDEX NAME)

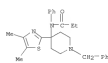
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CHN 121879-86-5
 CNF C24 R29 N3 O



CHN 2

14 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



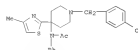
CHN 2

CHN 110-16-7
 CNF C4 R4 O4

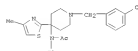
Double bond geometry as shown.



397 690272-93-6 CAPLUS
 C31 Acetanide, N-[(1-[(4-chlorophenyl)methyl]-4-(4-methyl-2-thiazolyl)-4-piperidinyl]-N-phenyl-, ethanedisulfonate (1:1) (CA INDEX NAME)

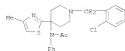


398 690272-94-7 CAPLUS
 C31 Acetanide, N-[(1-[(2-chlorophenyl)methyl]-4-(4-methyl-2-thiazolyl)-4-piperidinyl]-N-phenyl-, ethanedisulfonate (1:1) (CA INDEX NAME)

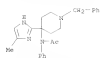


399 690272-95-8 CAPLUS
 C31 Acetanide, N-[(1-[(2-chlorophenyl)methyl]-4-(4-methyl-2-thiazolyl)-4-piperidinyl]-N-phenyl-, ethanedisulfonate (1:1) (CA INDEX NAME)

14 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

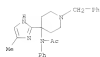


RI 690272-99-1 CAPLUS
 CH Acetamide, N-[4-(1-methyl-1H-imidazol-2-yl)-1-(phenylmethyl)-4-piperidinyl]-N-phenyl- (CA INDEX NAME)



RI 690272-99-2 CAPLUS
 CH Acetamide, N-[4-(5-methyl-1H-imidazol-2-yl)-1-(phenylmethyl)-4-piperidinyl]-N-phenyl-, ethanedioate (1:1) (CA INDEX NAME)

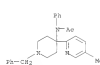
CH 1
 CHN 690272-99-1
 CHF C24 H28 N4 O



CH 2
 CHN 144-62-7
 CHF C2 H2 O4

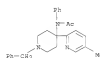


14 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



RI 690273-09-7 CAPLUS
 CH Acetamide, N-[4-(5-methyl-2-pyridinyl)-1-(phenylmethyl)-4-piperidinyl]-N-phenyl-, ethanedioate (1:1) (CA INDEX NAME)

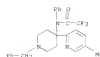
CH 1
 CHN 690273-09-6
 CHF C26 H29 N3 O



CH 2
 CHN 144-62-7
 CHF C2 H2 O4

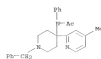


RI 690273-10-0 CAPLUS
 CH Acetamide, N-[4-(5-bromo-2-pyridinyl)-1-(phenylmethyl)-4-piperidinyl]-N-phenyl-, ethanedioate (1:1) (CA INDEX NAME)



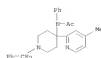
14 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RI 690273-06-4 CAPLUS
 CH Acetamide, N-[4-(4-methyl-2-pyridinyl)-1-(phenylmethyl)-4-piperidinyl]-N-phenyl- (CA INDEX NAME)



RI 690273-07-5 CAPLUS
 CH Acetamide, N-[4-(4-methyl-2-pyridinyl)-1-(phenylmethyl)-4-piperidinyl]-N-phenyl-, ethanedioate (1:1) (CA INDEX NAME)

CH 1
 CHN 690273-06-4
 CHF C26 H29 N3 O



CH 2
 CHN 144-62-7
 CHF C2 H2 O4

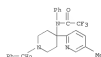


RI 690273-08-6 CAPLUS
 CH Acetamide, N-[4-(5-methyl-2-pyridinyl)-1-(phenylmethyl)-4-piperidinyl]-N-phenyl- (CA INDEX NAME)

14 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RI 690273-11-1 CAPLUS
 CH Acetamide, N-[4-(5-methyl-2-pyridinyl)-1-(phenylmethyl)-4-piperidinyl]-N-phenyl-, ethanedioate (1:1) (CA INDEX NAME)

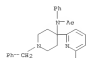
CH 1
 CHN 690273-10-0
 CHF C26 H26 F3 N3 O



CH 2
 CHN 144-62-7
 CHF C2 H2 O4



RI 690273-12-2 CAPLUS
 CH Acetamide, N-[4-(6-bromo-2-pyridinyl)-1-(phenylmethyl)-4-piperidinyl]-N-phenyl- (CA INDEX NAME)



RI 690273-13-3 CAPLUS
 CH Acetamide, N-[4-(6-bromo-2-pyridinyl)-1-(phenylmethyl)-4-piperidinyl]-N-phenyl-, ethanedioate (1:1) (CA INDEX NAME)

CH 1
 CHN 690273-12-2
 CHF C25 H26 Br N3 O

14 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)



CN 2

CFR 144-62-7

CMF C2 R2 O4



22 690273-14-4 CAPLUS

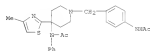
CN Acetamide, N-[4-{[4-(benzo-2-pyridinyl)-1-(phenylmethyl)-4-piperidinyl]-2,2,2-trifluoro-N-phenyl}- (CA INDEX NAME)



22 690273-15-5 CAPLUS

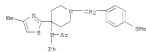
CN Acetamide, N-[4-{[4-(methythio-2-pyridinyl)-1-(phenylmethyl)-4-piperidinyl]-N-phenyl}- (CA INDEX NAME)

14 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)



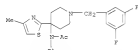
22 690273-20-2 CAPLUS

CN Acetamide, N-[4-{[4-(4-methyl-2-thiazolyl)-1-[[4-(methythio)phenyl]methyl]-4-piperidinyl]-N-phenyl}- (CA INDEX NAME)



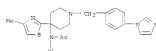
22 690273-21-5 CAPLUS

CN Acetamide, N-[1-{[4-{[4-(difluorophenyl)methyl]-4-(4-methyl-2-thiazolyl)-4-piperidinyl]-N-phenyl}- (CA INDEX NAME)



22 690273-25-7 CAPLUS

CN Acetamide, N-[1-{[4-{[4-(1H-imidazol-1-yl)phenyl]methyl]-4-(4-methyl-2-thiazolyl)-4-piperidinyl]-N-phenyl}- (CA INDEX NAME)



22 690273-26-8 CAPLUS

CN Acetamide, N-[4-{[4-(4-methyl-2-thiazolyl)-1-[[4-(trifluoromethoxy)phenyl]methyl]-4-piperidinyl]-N-phenyl}- (CA INDEX NAME)

14 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)



22 690273-12-6 CAPLUS

CN Acetamide, 1,1,1-trifluoro-N-[4-{[6-(methylthio)-2-pyridinyl]-1-(phenylmethyl)-4-piperidinyl]-N-phenyl- (CA INDEX NAME)



22 690273-17-7 CAPLUS

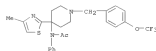
CN Acetamide, N-phenyl-N-[1-(phenylmethyl)-4-(6-(2-thienyl)-2-pyridinyl)-4-piperidinyl]- (CA INDEX NAME)



22 690273-19-9 CAPLUS

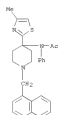
CN Acetamide, N-[1-{[4-(acetylamino)phenyl]methyl]-4-(4-methyl-2-thiazolyl)-4-piperidinyl]-N-phenyl- (CA INDEX NAME)

14 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)



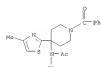
22 690273-27-9 CAPLUS

CN Acetamide, N-[4-(4-methyl-2-thiazolyl)-1-(1-naphthalenylmethyl)-4-piperidinyl]-N-phenyl- (CA INDEX NAME)



22 690273-28-0 CAPLUS

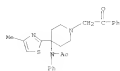
CN Acetamide, N-[1-benzoyl-4-(4-methyl-2-thiazolyl)-4-piperidinyl]-N-phenyl- (CA INDEX NAME)



22 690273-29-1 CAPLUS

CN Acetamide, N-[4-(4-methyl-2-thiazolyl)-1-(2-oxo-2-phenylethyl)-4-piperidinyl]-N-phenyl- (CA INDEX NAME)

14 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)

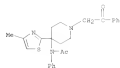


XXI 690273-30-4 CAPLUS
 CN Acetanilide, N-[1-[(4-methyl-2-thiazolyl)-1-(2-oxo-2-phenylethyl)-4-piperidinyl]-8-phenyl]-, ethanedioate (1:1) (CA INDEX NAME)

CN 1

CBI 690273-29-1

CMF C25 K27 M3 O2 S



CN 2

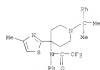
CBI 144-62-7

CMF C2 K2 O4

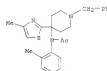


XXI 690273-30-4 CAPLUS
 CN Acetanilide, N-[1-[(4-fluorophenyl)methyl]-4-(4-methyl-2-thiazolyl)-1-(phenylmethyl)-4-piperidinyl]-8-phenyl-, ethanedioate (1:1) (CA INDEX NAME)

14 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)



XXI 690273-38-2 CAPLUS
 CN Acetanilide, N-[1-[(4-methyl-2-thiazolyl)-1-(phenylmethyl)-4-piperidinyl]-8-phenyl]-, ethanedioate (1:1) (CA INDEX NAME)

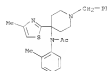


XXI 690273-39-3 CAPLUS
 CN Acetanilide, N-[1-[(4-methyl-2-thiazolyl)-1-(phenylmethyl)-4-piperidinyl]-8-phenyl]-, ethanedioate (1:1) (CA INDEX NAME)

CN 1

CBI 690273-38-2

CMF C25 K27 M3 O2 S

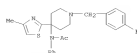


CN 2

CBI 144-62-7

CMF C2 K2 O4

14 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)

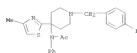


XXI 690273-36-5 CAPLUS
 CN Acetanilide, N-[1-[(4-fluorophenyl)methyl]-4-(4-methyl-2-thiazolyl)-1-(phenylmethyl)-4-piperidinyl]-8-phenyl-, ethanedioate (1:1) (CA INDEX NAME)

CN 1

CBI 690273-35-9

CMF C2 K2 F M3 O2 S



CN 2

CBI 144-62-7

CMF C2 K2 O4

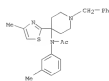


XXI 690273-37-1 CAPLUS
 CN Acetanilide, N-[1-[(4-fluorophenyl)methyl]-4-(4-methyl-2-thiazolyl)-1-(phenylmethyl)-4-piperidinyl]-8-phenyl-, ethanedioate (1:1) (CA INDEX NAME)

14 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)



XXI 690273-40-6 CAPLUS
 CN Acetanilide, N-[1-[(4-methyl-2-thiazolyl)-1-(phenylmethyl)-4-piperidinyl]-8-phenyl]-, ethanedioate (1:1) (CA INDEX NAME)

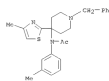


XXI 690273-41-7 CAPLUS
 CN Acetanilide, N-[1-[(4-methyl-2-thiazolyl)-1-(phenylmethyl)-4-piperidinyl]-8-phenyl]-, ethanedioate (1:1) (CA INDEX NAME)

CN 1

CBI 690273-40-6

CMF C25 K27 M3 O2 S



CN 2

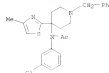
CBI 144-62-7

CMF C2 K2 O4

14 ANSWER 1 OF 5 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)

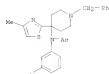


RII 690273-42-8 CAPLOS
 CH Acetanilide, N-[3-(4-chlorophenyl)-N-[4-(4-methyl-2-thiazolyl)-1-(phenylmethyl)-4-piperidinyl]-, ethanesulfonate (1:1) (CA INDEX NAME)



RII 690273-43-9 CAPLOS
 CH Acetanilide, N-[3-(4-chlorophenyl)-N-[4-(4-methyl-2-thiazolyl)-1-(phenylmethyl)-4-piperidinyl]-, ethanesulfonate (1:1) (CA INDEX NAME)

CH 1
 CHN 690273-42-8
 CMF C24 H26 Cl N3 O S

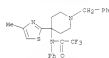


CH 2
 CHN 144-62-7
 CMF C2 H2 O4

14 ANSWER 1 OF 5 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)

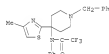


RII 690273-44-2 CAPLOS
 CH Acetanilide, 2,2,2-trifluoro-N-[4-(4-methyl-2-thiazolyl)-1-(phenylmethyl)-4-piperidinyl]-N-phenyl-, (CA INDEX NAME)



RII 690273-47-3 CAPLOS
 CH Acetanilide, N-[1-[1,2,4,6-tetrahydro-2-thiazolyl]-1-(phenylmethyl)-4-piperidinyl]-N-phenyl-, ethanesulfonate (1:1) (CA INDEX NAME)

CH 1
 CHN 690273-46-2
 CMF C24 H24 F3 N3 O S



CH 2
 CHN 144-62-7
 CMF C2 H2 O4

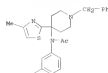


RII 690273-48-4 CAPLOS
 CH Acetanilide, N-[1-[1,2,4,6-tetrahydro-2-thiazolyl]-1-(phenylmethyl)-4-(4-methyl-2-thiazolyl)-4-piperidinyl]-N-phenyl-, (CA INDEX NAME)

14 ANSWER 1 OF 5 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)

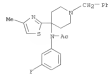


RII 690273-44-0 CAPLOS
 CH Acetanilide, N-[3-(4-chlorophenyl)-N-[4-(4-methyl-2-thiazolyl)-1-(phenylmethyl)-4-piperidinyl]-, ethanesulfonate (1:1) (CA INDEX NAME)



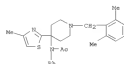
RII 690273-45-1 CAPLOS
 CH Acetanilide, N-[3-(4-chlorophenyl)-N-[4-(4-methyl-2-thiazolyl)-1-(phenylmethyl)-4-piperidinyl]-, ethanesulfonate (1:1) (CA INDEX NAME)

CH 1
 CHN 690273-44-0
 CMF C24 H26 Cl N3 O S



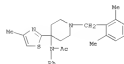
CH 2
 CHN 144-62-7
 CMF C2 H2 O4

14 ANSWER 1 OF 5 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)



RII 690273-49-5 CAPLOS
 CH Acetanilide, N-[1-[1,2,4,6-tetrahydro-2-thiazolyl]-1-(phenylmethyl)-4-piperidinyl]-N-phenyl-, ethanesulfonate (1:1) (CA INDEX NAME)

CH 1
 CHN 690273-48-4
 CMF C26 H31 N3 O S

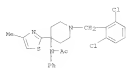


CH 2
 CHN 144-62-7
 CMF C2 H2 O4

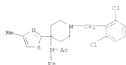


RII 690273-50-8 CAPLOS
 CH Acetanilide, N-[1-[1,2,4,6-tetrahydro-2-thiazolyl]-1-(phenylmethyl)-4-(4-methyl-2-thiazolyl)-4-piperidinyl]-N-phenyl-, (CA INDEX NAME)

14 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



320 690273-51-9 CAPLUS
 CN Acetanilide, N-[1-[(2,6-dichlorophenyl)methyl]-4-(4-methyl-2-thiazolyl)-4-piperidinyl]-N-phenyl-, ethanedioate (1:1) (CA INDEX NAME)
 CN 3
 CRI 690273-50-8
 CMI C24 R25 C12 H3 O 8

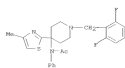


CN 2
 CRI 144-62-7
 CMI C2 R2 O4

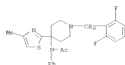


320 690273-52-0 CAPLUS
 CN Acetanilide, N-[1-[(2,6-difluorophenyl)methyl]-4-(4-methyl-2-thiazolyl)-4-piperidinyl]-N-phenyl-, ethanedioate (1:1) (CA INDEX NAME)

14 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



320 690273-52-1 CAPLUS
 CN Acetanilide, N-[1-[(2,6-difluorophenyl)methyl]-4-(4-methyl-2-thiazolyl)-4-piperidinyl]-N-phenyl-, ethanedioate (1:1) (CA INDEX NAME)
 CN 1
 CRI 690273-52-0
 CMI C24 R25 F2 H3 O 8

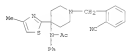


CN 2
 CRI 144-62-7
 CMI C2 R2 O4

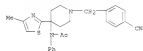


320 690273-54-2 CAPLUS
 CN Acetanilide, N-[1-[(2-cyanophenyl)methyl]-4-(4-methyl-2-thiazolyl)-4-piperidinyl]-N-phenyl-, ethanedioate (1:1) (CA INDEX NAME)

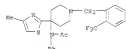
14 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



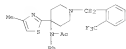
320 690273-55-3 CAPLUS
 CN Acetanilide, N-[1-[(4-cyanophenyl)methyl]-4-(4-methyl-2-thiazolyl)-4-piperidinyl]-N-phenyl-, ethanedioate (1:1) (CA INDEX NAME)



320 690273-54-4 CAPLUS
 CN Acetanilide, N-[4-(4-methyl-2-thiazolyl)-1-[[2-(trifluoromethyl)phenyl]methyl]-4-piperidinyl]-N-phenyl-, ethanedioate (1:1) (CA INDEX NAME)



320 690273-57-5 CAPLUS
 CN Acetanilide, N-[4-(4-methyl-2-thiazolyl)-1-[[2-(trifluoromethyl)phenyl]methyl]-4-piperidinyl]-N-phenyl-, ethanedioate (1:1) (CA INDEX NAME)
 CN 1
 CRI 690273-56-4
 CMI C25 H26 F3 H3 O 8

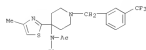


14 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

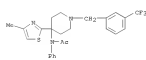
CN 2
 CRI 144-62-7
 CMI C2 R2 O4



320 690273-58-6 CAPLUS
 CN Acetanilide, N-[4-(4-methyl-2-thiazolyl)-1-[[3-(trifluoromethyl)phenyl]methyl]-4-piperidinyl]-N-phenyl-, ethanedioate (1:1) (CA INDEX NAME)



320 690273-59-7 CAPLUS
 CN Acetanilide, N-[4-(4-methyl-2-thiazolyl)-1-[[3-(trifluoromethyl)phenyl]methyl]-4-piperidinyl]-N-phenyl-, ethanedioate (1:1) (CA INDEX NAME)
 CN 1
 CRI 690273-58-6
 CMI C25 H26 F3 H3 O 8



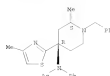
CN 2
 CRI 144-62-7
 CMI C2 R2 O4

L4 ANSWER 1 OF 5 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)



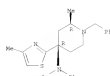
RE 690273-60-0 CAPLOS
 CN Acetanilide,
 N-[(2R,4R)-2-methyl-4-[(4-methyl-2-thiazolyl)-1-(phenylmethyl)-4-piperidinyl]-N-phenyl-, rel- (CA INDEX NAME)

Relative stereochemistry.



RE 690273-61-1 CAPLOS
 CN Acetanilide,
 N-[(2R,4R)-2-methyl-4-[(4-methyl-2-thiazolyl)-1-(phenylmethyl)-4-piperidinyl]-N-phenyl-, rel- (CA INDEX NAME)

Relative stereochemistry.



RE 690273-62-1 CAPLOS
 CN Acetanilide,
 N-[(2R,4R)-2-methyl-4-[(4-methyl-2-thiazolyl)-1-(phenylmethyl)-4-piperidinyl]-N-phenyl-, rel-, (2E)-2-butenedioate (1:1) (ICI) (CA INDEX NAME)

CN 1

CNN 690273-60-0
 CNF C15 R29 ND 0 8

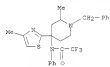
L4 ANSWER 1 OF 5 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)

CNN 110-17-8
 CNF C4 R4 04

Double bond geometry as shown.



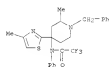
RE 690273-64-4 CAPLOS
 CN Acetanilide, 2,2,2-trifluoro-N-[2-methyl-4-[(4-methyl-2-thiazolyl)-1-(phenylmethyl)-4-piperidinyl]-N-phenyl-, (2E)-2-butenedioate (1:1) (CA INDEX NAME)



RE 690273-65-5 CAPLOS
 CN Acetanilide, 2,2,2-trifluoro-N-[2-methyl-4-[(4-methyl-2-thiazolyl)-1-(phenylmethyl)-4-piperidinyl]-N-phenyl-, (2E)-2-butenedioate (1:1) (CA INDEX NAME)

CN 1

CNN 690273-64-4
 CNF C15 R26 P3 ND 0 8



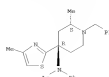
CN 2

CNN 110-17-8
 CNF C4 R4 04

Double bond geometry as shown.

L4 ANSWER 1 OF 5 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)

Relative stereochemistry.



CN 2

CNN 110-17-8
 CNF C4 R4 04

Double bond geometry as shown.

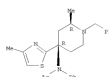


RE 690273-63-3 CAPLOS
 CN Acetanilide,
 N-[(2R,4R)-2-methyl-4-[(4-methyl-2-thiazolyl)-1-(phenylmethyl)-4-piperidinyl]-N-phenyl-, rel-, (2E)-2-butenedioate (1:1) (ICI) (CA INDEX NAME)

CN 1

CNN 690273-61-1
 CNF C15 R29 ND 0 8

Relative stereochemistry.



CN 2

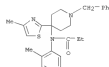
L4 ANSWER 1 OF 5 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)



RE 690273-66-4 CAPLOS
 CN Propanamide, N-[2-methylphenyl]-N-[4-[(4-methyl-2-thiazolyl)-1-(phenylmethyl)-4-piperidinyl]-, ethanedioate (1:1) (CA INDEX NAME)

CN 1

CNN 690272-82-3
 CNF C16 R31 ND 0 8



CN 2

CNN 144-62-7
 CNF C2 R2 04



RE 690273-67-7 CAPLOS
 CN Propanamide, N-[3-methylphenyl]-N-[4-[(4-methyl-2-thiazolyl)-1-(phenylmethyl)-4-piperidinyl]-, ethanedioate (1:1) (CA INDEX NAME)

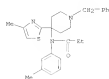
CN 1

CNN 690273-81-2
 CNF C16 R31 ND 0 8

05/13/2008

10-533,833-1.trn

L4 ANSWER 1 OF 5 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)



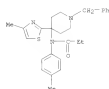
CN 2

CIR 144-62-7
COP C2 R2 O4

RN 690273-63-8 CAPLOS

CN Propanamide, N-[4-methylphenyl]-N-[4-(4-methyl-2-thiazolyl)-1-phenylmethyl]-4-piperidinyl-, ethanedioate (1:1) (CA INDEX NAME)

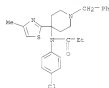
CN 1

CIR 690272-80-1
COP C24 R23 N3 O 2

CN 2

CIR 144-62-7

L4 ANSWER 1 OF 5 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)



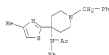
CN 2

CIR 144-62-7
COP C2 R2 O4

RN 690273-72-3 CAPLOS

CN Acetanilide, N-[4-(4-methyl-2-thiazolyl)-1-(phenylmethyl)-4-piperidinyl]-N-phenyl-, (2E)-2-butenedioate (1:1) (CA INDEX NAME)

CN 1

CIR 690272-84-5
COP C24 R27 N3 O 3

CN 2

CIR 315-17-8
COP C4 R4 O4

Double bond geometry as shown.



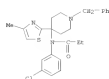
L4 ANSWER 1 OF 5 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)



RN 690273-63-8 CAPLOS

CN Propanamide, N-[7-chlorophenyl]-N-[4-(4-methyl-2-thiazolyl)-1-(phenylmethyl)-4-piperidinyl]-, ethanedioate (1:1) (CA INDEX NAME)

CN 1

CIR 690272-78-7
COP C25 R23 C1 N3 O 3

CN 2

CIR 144-62-7
COP C2 R2 O4

RN 690273-70-2 CAPLOS

CN Propanamide, N-[4-chlorophenyl]-N-[4-(4-methyl-2-thiazolyl)-1-(phenylmethyl)-4-piperidinyl]-, ethanedioate (1:1) (CA INDEX NAME)

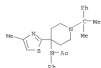
CN 1

CIR 690272-79-8
COP C25 R23 C1 N3 O 3

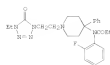
L4 ANSWER 1 OF 5 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)

RN 690631-52-8 CAPLOS

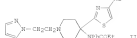
CN Acetanilide, N-[1-(1-methyl-1-phenylethyl)-4-(4-methyl-2-thiazolyl)-4-piperidinyl]-N-phenyl-, (CA INDEX NAME)



14 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
 ACCESSION NUMBER: 1989:614369 CAPLUS
 DOCUMENT NUMBER: 111214369
 ORIGINAL REFERENCE NO.: 111235534, 355544
 TITLE: 6-Phenyl- and 6-benzyloxy-4-anilidopiperidines. A novel class of analgesic and anesthetic agents.
 AUTHOR(S): Fudima, Lucas V.; Severnal, Sherry A.; Benveniste, Mark J.; Melli, Edward F.; Oskopov, Michael R.; Knight, Valerie V.; Rudo, Frieda G.; Spencer, H. Kenneth; Spaulding, Theodore C.
 CORPORATE SOURCE: Tech. Cent., ROC Group, Inc., Murray Hill, NJ, 07974, USA
 SOURCE: Journal of Medicinal Chemistry (1989), 32(12), 2334-42
 CUSHEX, JMC000001 2508: 0022-2623
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 111214369
 CI



I



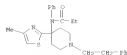
II

AB The incorporation of the 4-phenylpiperidine pharmacophore found in morphine into 4-anilidopiperidines related to fentanyl led to a novel class of potent opioid analgesic and anesthetic agents with a favorable pharmacological profile. The synthesis, analgesic activity, and anesthetic properties of a series of 6-phenyl-4-anilidopiperidines, e.g. I, are discussed. Isoterpis replacement of the Ph by various heterocyclic substituents extended the series to include 6-benzyloxy-4-anilidopiperidines, e.g. II. Within this group II exhibited high analgesic potency, short duration of action, rapid recovery of motor coordination following anesthetic doses, and greater cardiovascular and respiratory safety during anesthesia as compared with opioid fentanyl.

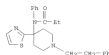
AND

alFentanyl currently in clinical use. Such analgesics could be of great utility to clinicians in the expanding outpatient surgical arena and for patient-controlled analgesia and computer assisted continuous infusion

14 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
 pain control techniques. The crystal structure of I was also detd.
 17 120072-50-06 120072-10-8p 120072-11-9p
 120072-12-02 120072-13-18 120072-18-49
 120072-19-78 120152-15-0F 121879-88-7P
 121879-89-0F 121879-90-1P 121879-91-0P
 122823-16-9P 122823-17-0P
 NU: STN (Synthetic preparation); PREP (Preparation)
 (Preparation and analgesic and anesthetic activity of)
 120072-50-02 CAPLUS
 CN Propanamide,
 N-[4-(4-methyl-2-thiazolyl)-1-(2-phenylethyl)-4-piperidinyl]-
 N-phenyl- (CA INDEX NAME)

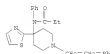


III 120072-10-8 CAPLUS
 CN Propanamide,
 N-phenyl-N-[1-(2-phenylethyl)-4-(2-thiazolyl)-4-piperidinyl]-
 (CA INDEX NAME)



IV 120072-11-3 CAPLUS
 CN Propanamide,
 N-phenyl-N-[1-(2-phenylethyl)-4-(2-thiazolyl)-4-piperidinyl]-
 , ethanesulfonamide (1:1) (CA INDEX NAME)
 CN I
 CHN 120072-10-8
 CMF C25 H27 N7 O S

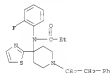
14 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



CH 2
 CMF 144-62-7
 CMF C2 H2 O4

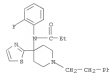


VI 120072-12-0 CAPLUS
 CN Propanamide, N-[2-Fluorophenyl]-N-[1-(2-phenylethyl)-4-(2-thiazolyl)-4-piperidinyl]- (CA INDEX NAME)



VII 120072-13-1 CAPLUS
 CN Propanamide, N-[2-Fluorophenyl]-N-[1-(2-phenylethyl)-4-(2-thiazolyl)-4-piperidinyl]-, ethanesulfonamide (1:1) (CA INDEX NAME)
 CN I
 CHN 120072-12-0
 CMF C25 H28 F N7 O S

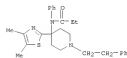
14 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



CH 2
 CHN 144-62-7
 CMF C2 H2 O4

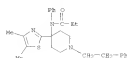


IX 120072-18-6 CAPLUS
 CN Propanamide, N-[4-(4,5-dimethyl-2-thiazolyl)-1-(2-phenylethyl)-4-piperidinyl]-N-phenyl- (CA INDEX NAME)



X 120072-12-7 CAPLUS
 CN Propanamide, N-[4-(4,5-dimethyl-2-thiazolyl)-1-(2-phenylethyl)-4-piperidinyl]-N-phenyl-, ethanesulfonamide (1:1) (CA INDEX NAME)
 CN I
 CHN 120072-18-6
 CMF C27 H33 N7 O S

L4 ANSWER 2 OF 5 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)



CN 2

CNS 144-62-7

CNS C2 H2 O4

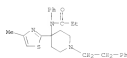


IN 110153-15-0 CAPLOS
 CN Propanamide, N-[4-(4-methyl-2-thiazolyl)-1-(2-phenylethyl)-4-piperidinyl]-
 N-phenyl-, ethanediolate (1:1) (CA INDEX NAME)

CN 1

CNS 110070-50-0

CNS C16 H23 N3 O 5



CN 2

CNS 144-62-7

CNS C2 H2 O4

L4 ANSWER 2 OF 5 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)



IN 111879-90-1 CAPLOS
 CN Propanamide, N-[2-(2-fluorophenyl)-N-(1-(2-phenylethyl)-4-(2-pyridinyl)-4-piperidinyl)-
 N-phenyl-, ethanediolate (1:1) (CA INDEX NAME)

CH2=CH2-Ph



IN 111879-91-2 CAPLOS
 CN Propanamide, N-[2-(2-fluorophenyl)-N-(1-(2-phenylethyl)-4-(2-pyridinyl)-4-piperidinyl)-
 N-phenyl-, ethanediolate (1:1) (CA INDEX NAME)

CN 1

CNS 111879-90-1

CNS C27 H30 F N3 O 5

CH2=CH2-Ph



CN 2

L4 ANSWER 2 OF 5 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)



IN 111879-88-7 CAPLOS
 CN Propanamide, N-phenyl-N-[1-(2-phenylethyl)-4-(2-pyridinyl)-4-piperidinyl]-
 (CA INDEX NAME)



IN 111879-89-8 CAPLOS

CN Propanamide, N-phenyl-N-[1-(2-phenylethyl)-4-(2-pyridinyl)-4-piperidinyl]-
 N-phenyl-, ethanediolate (1:1) (CA INDEX NAME)

CN 1

CNS 111879-88-7

CNS C27 H30 N3 O 5



CN 2

CNS 144-62-7

CNS C2 H2 O4

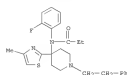
L4 ANSWER 2 OF 5 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)

CNS 144-62-7

CNS C2 H2 O4



IN 122823-16-9 CAPLOS
 CN Propanamide, N-[2-(2-fluorophenyl)-N-(4-(4-methyl-2-thiazolyl)-1-(2-phenylethyl)-4-piperidinyl)-
 N-phenyl-, ethanediolate (1:1) (CA INDEX NAME)

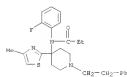


IN 122823-17-0 CAPLOS
 CN Propanamide, N-[2-(2-fluorophenyl)-N-(4-(4-methyl-2-thiazolyl)-1-(2-phenylethyl)-4-piperidinyl)-
 N-phenyl-, ethanediolate (1:1) (CA INDEX NAME)

CN 1

CNS 122823-16-9

CNS C26 H30 F N3 O 5



CN 2

CNS 144-62-7

CNS C2 H2 O4

14 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



IT 121879-86-5P 122823-25-Op 122823-26-5P
 122823-27-2P 122823-28-2P 122823-31-5P
 122823-32-2P 122823-33-2P
 IL: RCT (Reactant); SRN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 [Preparation and dibenzoylation of]
 NI 121879-86-5 CAPLUS
 CH Propanamide, N-phenyl-N-[1-(phenylmethyl)-4-(2-pyridinyl)-4-piperidinyl]-
 (CA INDEX NAME)

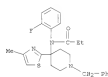


NI 122823-25-0 CAPLUS
 CH Propanamide, N-phenyl-N-[1-(phenylmethyl)-4-(2-thiazolyl)-4-piperidinyl]-
 (CA INDEX NAME)

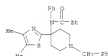


NI 122823-26-1 CAPLUS
 CH Propanamide, N-[2-fluorophenyl]-N-[1-(phenylmethyl)-4-(2-thiazolyl)-4-piperidinyl]-
 (CA INDEX NAME)

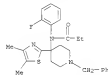
14 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



NI 122823-31-8 CAPLUS
 CH Propanamide, N-[4-(4,5-dimethyl-2-thiazolyl)-1-(phenylmethyl)-4-piperidinyl]-N-phenyl-
 (CA INDEX NAME)



NI 122823-32-9 CAPLUS
 CH Propanamide, N-[4-(4,5-dimethyl-2-thiazolyl)-1-(phenylmethyl)-4-piperidinyl]-N-[2-fluorophenyl]-
 (CA INDEX NAME)



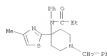
NI 122823-33-0 CAPLUS
 CH Propanamide, N-[2-fluorophenyl]-N-[1-(phenylmethyl)-4-(2-pyridinyl)-4-piperidinyl]-
 (CA INDEX NAME)

14 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



NI 122823-27-2 CAPLUS
 CH Propanamide, N-[4-(4-methyl-2-thiazolyl)-1-(phenylmethyl)-4-piperidinyl]-N-phenyl-, ethanediolate (1:1)
 (CA INDEX NAME)

CH 1
 CHN 120070-49-7
 CHF C25 R29 N3 O 5

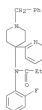


CH 2
 CHN 144-62-7
 CHF C2 R2 O4

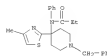


NI 122823-28-3 CAPLUS
 CH Propanamide, N-[2-fluorophenyl]-N-[4-(4-methyl-2-thiazolyl)-1-(phenylmethyl)-4-piperidinyl]-
 (CA INDEX NAME)

14 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



IT 120070-49-7P
 IL: SRN (Synthetic preparation); PREP (Preparation)
 [Preparation of]
 NI 120070-49-7 CAPLUS
 CH Propanamide, N-[4-(4-methyl-2-thiazolyl)-1-(phenylmethyl)-4-piperidinyl]-N-phenyl-
 (CA INDEX NAME)



14 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
 ACCESSION NUMBER: 1989157403
 DOCUMENT NUMBER: 111174103
 ORIGINAL REFERENCE NO.: 111129079, 29079
 TITLE: Preparation of piperidine-containing heterocycles as analgesics and anesthetics
 INVENTOR(S): Lili, Bei Shengy; Scheele, Joseph W.
 PATENT ASSIGNEE(S): WAC Inc., USA
 SOURCE: U.S., 28 pp.
 COUNTRY: USDOM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACCT. NUM. COUNTRY: 2
 PATENT INFORMATION: 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4811392	A	19890516	US 1987-139896	19871231
EP 328870	A2	19890923	EP 1989-32249	19891223
JP 328870	B2	19940601		
US 4811392	B1, B2, C8, DE, EP, FR, GB, IT, IL, JP, NL, SE			
EP 328870	B1	19940601	EP 1988-33249	19881223
JP 6136176	A	19891205	JP 1988-33249	19881229
FR 6136176	A	19891205	US 1987-139896	19871231
FR 6136176	A	19891205	US 1987-139896	19871231

OTHER SOURCE(S): CASREACT 111174103; NAPSAT 111174103
 GI For diagrams, see printed CA issue.
 AB Title words: 1 (R) = (substituted) oxadiazolyl, imidazolyl, triazolyl, tetrazolyl, thiazolyl; R2 = (substituted) Ph; R3 = aryl, alkoxymethyl;
 L = alkyl, alkoxy, thienylalkyl, (substituted) thiazolylalkyl, etc.; R is prepared from 1 (R) = cyano; R3 = H. Treatment of 1 (R) = cyano; R2 =
 R3 = H; L = PhCH2) (prepared from NCM, PhCH2, and N-benzyl-4-piperidone, CATIONIC ROM polymerization) with NaOH in THF in the presence of AlCl3 gave 1 (R) = 18-tetrazol-5-yl, which was refluxed with Ac2O to afford 1 (R) = 5-methyl-1,3,4-oxadiazol-2-yl; R2 = Ph; R3 = Ar; L = PhCH2). The results of the latter showed ED50 55.0 mg/kg in mice in a hot-plate analgesia test.
 IT 120070-49-TP 120070-50-EP 120070-53-3P
 120070-54-EP 120070-55-3P 120070-60-2P
 120070-61-3P 120070-62-4P 120070-63-5P
 120070-65-TP 120070-67-3P 120070-68-EP
 120070-71-5P 120070-72-4P 120070-74-8P
 120070-81-3P 120070-83-3P 120070-93-1P
 120070-94-4P 120070-01-4P 120070-07-0P
 120070-09-2P 120070-13-8P 120070-25-2P
 120070-27-4P 120070-30-9P 120070-36-5P
 120070-46-TP 120070-54-TP 120070-58-1P
 120070-64-9P 120070-70-TP 120070-78-5P
 120070-86-5P 120070-11-3P 120070-13-1P
 120070-19-7P 120070-36-8P 120070-37-9P
 120070-17-0P 120070-62-3P

14 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
 CN 1

CN 120070-57-7

CN C22 R48 R8 O



CN 2
 CN 79-09-4
 CN C3 R6 O2

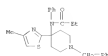


CN 120070-59-9 CAPLUS
 CN Propanamide, N-[4-[(5-methyl-1,3,4-oxadiazol-2-yl)-1-(phenylmethyl)-4-piperidinyl]-N-phenyl-] (ICI) (CA INDEX NAME)

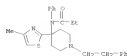


CN 120070-60-2 CAPLUS
 CN Propanamide, N-[4-[(5-ethyl-1,3,4-oxadiazol-2-yl)-1-(phenylmethyl)-4-piperidinyl]-N-phenyl-] (ICI) (CA INDEX NAME)

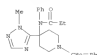
14 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
 RU SRN (Synthetic preparation); PREP (Preparation)
 [Prep. of, as analgesic and anesthetic]
 CN 120070-49-7 CAPLUS
 CN Propanamide, N-[4-[(5-methyl-1,3,4-oxadiazol-2-yl)-1-(phenylmethyl)-4-piperidinyl]-N-phenyl-] (CA INDEX NAME)



CN 120070-50-0 CAPLUS
 CN Propanamide, N-[4-[(5-methyl-1,3,4-oxadiazol-2-yl)-1-(phenylmethyl)-4-piperidinyl]-N-phenyl-] (CA INDEX NAME)

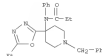


CN 120070-53-3 CAPLUS
 CN Propanamide, N-[4-[(1-methyl-1H-1,2,4-triazol-5-yl)-1-(phenylmethyl)-4-piperidinyl]-N-phenyl-] (CA INDEX NAME)

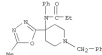


CN 120070-58-8 CAPLUS
 CN Propanamide, N-[4-[(5-ethyl-1,3,4-oxadiazol-2-yl)-1-(phenylmethyl)-4-piperidinyl]propanamide (1:1) (ICI) (CA INDEX NAME)

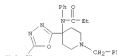
14 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



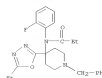
CN 120070-61-3 CAPLUS
 CN Propanamide, N-[4-[(5-methyl-1,3,4-oxadiazol-2-yl)-1-(phenylmethyl)-4-piperidinyl]-N-phenyl-] (CA INDEX NAME)



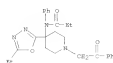
CN 120070-62-4 CAPLUS
 CN Propanamide, N-[4-[(5-methoxyethyl-1,3,4-oxadiazol-2-yl)-1-(phenylmethyl)-4-piperidinyl]-N-phenyl-] (CA INDEX NAME)



CN 120070-63-5 CAPLUS
 CN Propanamide, N-[4-[(5-ethyl-1,3,4-oxadiazol-2-yl)-1-(phenylmethyl)-4-piperidinyl]-N-(2-fluorophenyl)-] (CA INDEX NAME)



14 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



CH 2

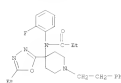
CHN 144-62-7

CMF C2 R2 O4



BN 120071-96-4 CAPLUS

CH Propanamide, N-[4-[5-methyl-1,3,4-oxadiazol-2-yl]-1-[2-phenylethyl]-4-piperidinyl]-N-[2-[1-isopropenyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● 9CI

BN 120071-01-4 CAPLUS

CH Propanamide, N-[4-[5-methyl-1,3,4-oxadiazol-2-yl]-1-[2-phenylethyl]-4-piperidinyl]-N-phenyl-, ethanedisolate (1:1) (CA INDEX NAME)

CH 1

14 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



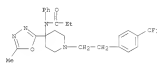
BN 120071-09-2 CAPLUS

CH Propanamide, N-[4-[5-methyl-1,3,4-oxadiazol-2-yl]-1-[2-[4-(trifluoromethyl)phenyl]ethyl]-4-piperidinyl]-N-phenyl-, ethanedisolate (1:1) (CA INDEX NAME)

CH 1

CHN 120071-08-1

CMF C2 R2 F3 N4 O2



CH 2

CHN 144-62-7

CMF C2 R2 O4



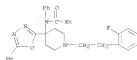
BN 120071-13-8 CAPLUS

CH Propanamide, N-[1-[1-[2-fluorophenyl]ethyl]-4-[5-methyl-1,3,4-oxadiazol-2-yl]-4-piperidinyl]-N-phenyl-, ethanedisolate (1:1) (CA INDEX NAME)

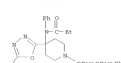
CH 1

CHN 120071-13-7

CMF C2 R2 F3 N4 O2



14 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



CH 2

CHN 144-62-7

CMF C2 R2 O4



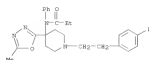
BN 120071-07-0 CAPLUS

CH Propanamide, N-[1-[2-[4-(1-isopropenyl)ethyl]-4-[5-methyl-1,3,4-oxadiazol-2-yl]-4-piperidinyl]-N-phenyl-, ethanedisolate (1:1) (CA INDEX NAME)

CH 1

CHN 120071-06-9

CMF C2 R2 F3 N4 O2



CH 2

CHN 144-62-7

CMF C2 R2 O4

14 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



CH 2

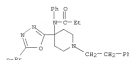
CHN 144-62-7

CMF C2 R2 O4



BN 120071-21-2 CAPLUS

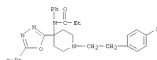
CH Propanamide, N-phenyl-N-[1-(2-phenylethyl)-4-(5-propyl-1,3,4-oxadiazol-2-yl)-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● 9CI

BN 120071-27-4 CAPLUS

CH Propanamide, N-[1-[2-[4-(1-isopropenyl)ethyl]-4-[5-propyl-1,3,4-oxadiazol-2-yl]-4-piperidinyl]-N-phenyl-, monohydrochloride (9CI) (CA INDEX NAME)

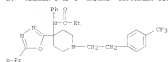


● 9CI

BN 120071-30-9 CAPLUS

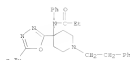
CH Propanamide, N-phenyl-N-[4-[5-propyl-1,3,4-oxadiazol-2-yl]-1-[2-[4-(trifluoromethyl)phenyl]ethyl]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

14 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



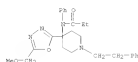
● HCl

9H 100071-36-5 CAPLUS
 CH Propanamide, N-[4-(1-methyl-1,3,4-oxadiazol-2-yl)-1-(2-phenylethyl)-4-piperidinyl]-N-phenyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

9H 100071-46-7 CAPLUS
 CH Propanamide, N-[4-(5-methoxymethyl)-1,3,4-oxadiazol-2-yl]-1-(2-phenylethyl)-4-piperidinyl]-N-phenyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

9H 100071-54-7 CAPLUS

14 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

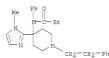
CH 2
 CHN 144-62-7
 CHF C2 R2 R4 O



9H 100071-64-9 CAPLUS
 CH Propanamide, N-[4-(1-methyl-1,3,4-oxadiazol-2-yl)-1-(2-phenylethyl)-4-piperidinyl]-N-phenyl-, ethanesulfonate (1:1) (CA INDEX NAME)

CH 3

CHN 100071-63-9
 CHF C2 R2 R4 O



CH 2

CHN 144-62-7
 CHF C2 R2 R4 O



9H 100071-70-7 CAPLUS
 CH Propanamide, N-[4-(1-methyl-1,3,4-oxadiazol-5-yl)-1-(2-phenylethyl)-4-piperidinyl]-N-phenyl-, ethanesulfonate (1:1) (CA INDEX NAME)

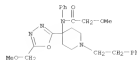
CH 3

CHN 100071-69-6
 CHF C2 R2 R4 O

14 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
 CH Acetanide, 2-methoxy-N-[4-(5-methoxymethyl)-1,3,4-oxadiazol-2-yl]-1-(2-phenylethyl)-4-piperidinyl]-N-phenyl-, ethanesulfonate (1:1) (CA INDEX NAME)

CH 1

CHN 100071-53-6
 CHF C2 R2 R4 O



CH 2

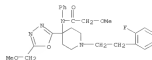
CHN 144-62-7
 CHF C2 R2 R4 O



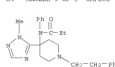
9H 100071-58-1 CAPLUS
 CH Acetanide, N-[1-[2-(2-fluorophenyl)ethyl]-4-[5-(methoxymethyl)-1,3,4-oxadiazol-2-yl]-4-piperidinyl]-2-methoxy-N-phenyl-, ethanesulfonate (1:1) (CA INDEX NAME)

CH 1

CHN 100071-57-0
 CHF C2 R2 R4 F



14 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



CH 2

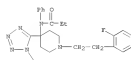
CHN 144-62-7
 CHF C2 R2 R4 O



9H 100071-78-5 CAPLUS
 CH Propanamide, N-[1-[2-(2-fluorophenyl)ethyl]-4-(1-methyl-1,3,4-oxadiazol-5-yl)-4-piperidinyl]-N-phenyl-, ethanesulfonate (1:1) (CA INDEX NAME)

CH 1

CHN 100071-77-4
 CHF C2 R2 R4 F



CH 2

CHN 144-62-7
 CHF C2 R2 R4 O



9H 100071-84-5 CAPLUS

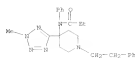
05/13/2008

10-533,833-1.trn

14 ANSWER 3 OF 5 CAPLOS COPYRIGHT 2008 ACS on STM (Continued)
 CN Propanamide, N-[4-(2-methyl-2H-tetrazol-5-yl)-1-(2-phenylethyl)-4-piperidinyl]-N-phenyl-, ethanedioate (1:1) (CA INDEX NAME)

CN 1

CHN 136071-85-4
 CNF C24 R20 N6 O



CN 2

CHN 144-62-7
 CNF C2 R2 O4

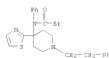


14 ANSWER 3 OF 5 CAPLOS COPYRIGHT 2008 ACS on STM (Continued)

14 ANSWER 3 OF 5 CAPLOS COPYRIGHT 2008 ACS on STM (Continued)
 CN Propanamide, N-[4-(2-methyl-2H-tetrazol-5-yl)-1-(2-phenylethyl)-4-piperidinyl]-N-phenyl-, ethanedioate (1:1) (CA INDEX NAME)

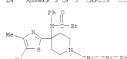
CN 1

CHN 136072-10-8
 CNF C25 R29 N3 O 5



CN 2

14 ANSWER 3 OF 5 CAPLOS COPYRIGHT 2008 ACS on STM (Continued)



CN 2

CHN 144-62-7
 CNF C2 R2 O4

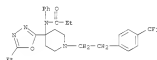


14 ANSWER 3 OF 5 CAPLOS COPYRIGHT 2008 ACS on STM (Continued)

14 ANSWER 3 OF 5 CAPLOS COPYRIGHT 2008 ACS on STM (Continued)
 CN Propanamide, N-[4-(2-ethyl-1,3,4-oxadiazol-2-yl)-1-(2-[4-(trifluoromethyl)phenylethyl]-4-piperidinyl)-N-phenyl-, ethanedioate (1:1) (CA INDEX NAME)

CN 1

CHN 120072-35-7
 CNF C27 R32 F3 N4 O2



CN 2

CHN 144-62-7
 CNF C2 R2 O4



14 ANSWER 3 OF 5 CAPLOS COPYRIGHT 2008 ACS on STM (Continued)

14 ANSWER 3 OF 5 CAPLOS COPYRIGHT 2008 ACS on STM (Continued)
 CN Propanamide, N-[4-(2-ethyl-1,3,4-oxadiazol-2-yl)-1-(2-[4-(trifluoromethyl)phenylethyl]-4-piperidinyl)-N-phenyl-, ethanedioate (1:1) (CA INDEX NAME)

14 ANSWER 3 OF 5 CAPLOS COPYRIGHT 2008 ACS on STM (Continued)

CHN 144-62-7
 CNF C2 R2 O4

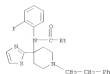


14 ANSWER 3 OF 5 CAPLOS COPYRIGHT 2008 ACS on STM (Continued)

14 ANSWER 3 OF 5 CAPLOS COPYRIGHT 2008 ACS on STM (Continued)
 CN Propanamide, N-[4-(2-fluorophenyl)-N-[1-(2-phenylethyl)-4-(2-thiazolyl)-4-piperidinyl]-, ethanedioate (1:1) (CA INDEX NAME)

CN 1

CHN 136072-12-0
 CNF C25 R28 F N7 O 5



CN 2

CHN 144-62-7
 CNF C2 R2 O4



14 ANSWER 3 OF 5 CAPLOS COPYRIGHT 2008 ACS on STM (Continued)

14 ANSWER 3 OF 5 CAPLOS COPYRIGHT 2008 ACS on STM (Continued)
 CN Propanamide, N-[4-(4,5-dimethyl-2-thiazolyl)-1-(2-phenylethyl)-4-piperidinyl]-N-phenyl-, ethanedioate (1:1) (CA INDEX NAME)

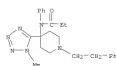
CN 1

CHN 136072-15-6
 CNF C27 R33 R2 O 5



CN 1

CHN 136072-34-6
 CNF C24 R30 N6 O



CN 2

CHN 144-62-7
 CNF C2 R2 O4

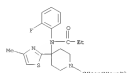


14 ANSWER 3 OF 5 CAPLOS COPYRIGHT 2008 ACS on STM (Continued)

14 ANSWER 3 OF 5 CAPLOS COPYRIGHT 2008 ACS on STM (Continued)
 CN Propanamide, N-[2-fluorophenyl]-N-[4-(4-methyl-2-thiazolyl)-1-(2-phenylethyl)-4-piperidinyl]-, ethanedioate (1:1) (CA INDEX NAME)

CN 1

CHN 122823-36-9
 CNF C24 R30 F N3 O 5



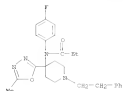
CN 2

CHN 144-62-7
 CNF C2 R2 O4

L4 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)



BN 121879-82-3 CAPLUS
 CN Propanamide,
 N-[4-(4-fluorophenyl)-N-[4-(15-methyl-1,7,4-oxadiazol-2-yl)-1-(2-phenylethyl)]-4-piperidinyl]-, monohydrochloride (PC1) (CA INDEX NAME)



● BCL

L4 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2008 ACS ON STN
 ACCESSION NUMBER: 1989:477854 CAPLUS
 DOCUMENT NUMBER: 111177854
 ORIGINAL REFERENCE NO.: 111121199,111224
 TITLE: Preparation of 4-beterebenzoyl-4-(N-(phenylamino)piperidine) as analgesic and their pharmaceutical compositions
 INVENTOR(S): Kadam, Laxma V.; Spencer, B. Kenneth
 PATENT ASSIGNOR(S): ROC Group, Inc., USA
 SOURCE: U.S.; 6 pp.
 CODING: 055GAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY AC: NNM, COMPT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	PATENT NO.	DATE
US 4802415	A	1989-07-12	US 1987-13899	1987-07-22
EP 323733	A1	1989-07-12	EP 1988-121250	1988-02-21
JP 01237879	A	1989-08-08	JP 1988-332753	1988-02-28
			US 1987-13895	A 1987-02-21

PRIORITY APPL. INFO.:
 OTHER SOURCE(S):
 CASREACT 111:77854; NAJFAT 111:77854
 GI



AB Title compo. 1 [R2 = (un)substituted Ph; R3 = alkyl; L = phenylalkyl, pyrazolylalkyl, (un)substituted (4,5-dihydro-5-oxo-1H-tetrazol-2-yl)alkyl] optically isomers and salts thereof, useful as narcotic antipneumonia and analgesic, are prepared
 4-(N-phenylpiperamido)-4-(2-pyridyl)piperidine
 (preparation given) In NMR was reacted with EtOOC and Fmoc-OR to give 1 (L = Fmoc-OR, R2 = Ph, R3 = Et) as the oxalate salt (II). In mouse hot plate analgesic test the ED50 of II was 0.013 mg/kg.
 IT 121879-84-52
 RL: RCT (Desatant); SPN (Synthetic preparation); PREP (Preparation); RACT (Desatant or reagent)
 (preparation and deprotection of)
 NN 121879-84-5 CAPLUS
 CN Propanamide,
 N-phenyl-N-[1-(2-phenylethyl)-4-(2-pyridyl)-4-piperidinyl]- (CA INDEX NAME)

L4 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)



IT 121879-88-7P 121879-89-8P 121879-90-1P
 RL: RAC (Racemical activity or effector, except adrenergic); R50 (Biological study, unclassified); SPN (Synthetic preparation); THO (Therapeutic use); R50 (Biological study); P52 (Preparation); O58 (New) (Preparation of, at analgesic)
 NN 121879-88-7 CAPLUS
 CN Propanamide,
 N-phenyl-N-[1-(2-phenylethyl)-4-(2-pyridyl)-4-piperidinyl]- (CA INDEX NAME)



NN 121879-89-8 CAPLUS
 CN Propanamide,
 N-phenyl-N-[1-(2-phenylethyl)-4-(2-pyridyl)-4-piperidinyl]-, ethanedisulfate (1:1) (CA INDEX NAME)
 CN 1
 CNF 121879-88-7
 CNF C2 Y R3 R3 O

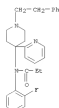
L4 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)



CN 2
 CNF 144-62-7
 CNF C2 H2 O4



NN 121879-90-1 CAPLUS
 CN Propanamide, N-[2-(4-fluorophenyl)-N-[1-(2-phenylethyl)-4-(2-pyridyl)-4-piperidinyl]-, ethanedisulfate (1:1) (CA INDEX NAME)



NN 121879-91-2 CAPLUS
 CN Propanamide, N-[2-(4-fluorophenyl)-N-[1-(2-phenylethyl)-4-(2-pyridyl)-4-piperidinyl]-, ethanedisulfate (1:1) (CA INDEX NAME)
 CN 1
 CNF 121879-90-1
 CNF C2 Y R3 R3 O

05/13/2008

10-533,833-1.trn

14 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)

CH₂=CH₂-Ph

CH 2

CHN 144-62-7
CHF C2 R2 O4

14 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2008 ACS ON STN

ACCESSION NUMBER: 1989:423391 CAPLUS
DOCUMENT NUMBER: 111:23391
ORIGINAL REFERENCE NO.: 111:40834, 40724
TITLE: Preparation and formulation of 4-benzyloxy-1-(4-phenylthiazol-5-yl)-4-piperidine derivatives as analgesics
INVENTOR(S): Liu, Bo; Shengy, Rudras, Linas V.; Spencer, R. Kenneth
PATENT ADDRESSEE(S): ROC Group, Inc., USA
SOURCE: U.S., 29 pp.
CDB/MS: MEDCAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY NO.: NUM. COUNTR.: 2
PATENT INFORMATION: 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4791220	A	19881213	US 1987-139899	19871231
US 4872149	A	19890203	US 1988-321492	19890201
AU 8826424	A	19890713	AU 1988-26404	19891204
AU 611708	R2	19911107		
NO 8806463	A	19890703	NO 1988-5463	19891208
NO 174553	C	19940214		
NO 174553	C	19940215		
IL 58645	A	19930709	IL 1988-58645	19931209
EP 328830	R2	19880823	EP 1988-32149	19891221
EP 328830	R1	19940601		
ES 204836	ES, FR, GB, GR, IT, LI, LU, NL, SE	19940816	ES 1988-32149	19891221
JP 0123278	J	19890628	JP 1988-321782	19891228
JP 8807528	A	19890701	JP 1988-7228	19891230
FI 8806257	A	19890701	FI 1988-4957	19891230
FI 32065	S	19940615		
FI 32065	C	19940916		
CH 1033285	A	19890906	CH 1989-109056	19891231
CH 1033210	B	19931208		
PRIORITY APPL. INFO.:			US 1987-139896	19871231
			US 1987-139899	19871231

OTHER SOURCE(S): CASREACT 111:23391; MARPAT 111:23391
CI



AB The title compounds, [1] R1 = (un)substituted oxadiazolyl, tetrazolyl, indazolyl, thiazolyl; R2 = (un)substituted Ph; R3 = alkyl, alkenylalkyl, L = alkyl, alkoxy, thiophenylalkyl, pyranolylalkyl, pyridylalkyl.

14 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)

phthalimide, substituted (16,18)-pyridone, (un)substituted thiazolyl, 4-(5-dihydro-4-oxo-2-thiazolyl-1-yl)alkyl, phenylalkyl and their optically active isomers and pharmaceutically acceptable salts were

prepd. 1-benzyl-4-piperidone, PhMe, and EtN and were reacted at room temp. to give 4-alkyl-1-benzyl-4-piperidonecarbamate. The latter was treated with lithiated 4-methylthiazole in THF and the product was acetylated with Ac2O to give 5A-1 (R1 = 4-methyl-1-thiazolyl; R2 = Ph, R3 = Et, L = PhMe). 2a name 1 (R1 = 4-methoxymethyl-1,3,4-oxadiazolyl; R2 = Ph, R3 = Et, L = 2-ethylthiophenyl) had an ED50 of 0.0007 mg/kg in the hot plate test for analgesia.

2T 10070-49-7P 10070-50-0P 10070-51-3P

10070-58-8P 10070-59-3P 10070-60-1P

10070-61-3P 10070-61-4P 10070-61-5P

10070-64-4P 10070-65-1P 10070-67-9P

10070-68-0P 10070-71-5P 10070-71-6P

10070-74-9P 10070-81-7P 10070-81-9P

10070-93-1P 10070-96-4P 10070-09-3P

10070-01-4P 10070-09-0P 10070-09-2P

10070-13-8P 10070-20-7P 10070-25-2P

10070-21-4P 10070-36-9P 10070-36-5P

10070-46-7P 10070-54-7P 10070-58-1P

10070-64-9P 10070-70-7P 10070-71-4P

10070-78-5P 10070-86-5P 10070-88-9P

10070-11-9P 10070-13-2P 10070-19-7P

10070-30-2P 10070-31-0P 10070-34-0P

10070-36-8P 10070-37-9P 10070-11-0P

R1, R2, R3 Biological activity or effector, except additive; R3O

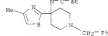
(biological activity, unclassified); SPM (Synthetic preparation); THF (Therapeutic use); R3O (Biological activity); PMS (Preparation); OMS (Oxide) (Preparation of, as analgesic)

2N 10070-41-7 CAPLUS

CH Propanamide,

N-[4-(4-methyl-1-thiazolyl)-1-(4-phenylthiophenyl)-4-piperidinyl]-N-phenyl-

(CA INDEX NAME)

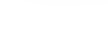


2N 10070-50-0 CAPLUS

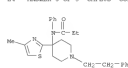
CH Propanamide,

N-[4-(4-methyl-1-thiazolyl)-1-(2-phenylethyl)-4-piperidinyl]-N-phenyl-

(CA INDEX NAME)



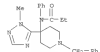
14 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)



2N 10070-53-3 CAPLUS

CH Propanamide, N-[4-(1-methyl-1,2,4-triazol-5-yl)-1-(4-phenylthiophenyl)-4-piperidinyl]-N-phenyl-

(CA INDEX NAME)



2N 10070-58-8 CAPLUS

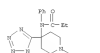
CH Propanamide, N-[4-(4-methyl-1-thiazolyl)-1-(4-phenylthiophenyl)-4-piperidinyl]-N-phenyl-

(CA INDEX NAME)

CH 1

2N 10070-57-7

CHF C2 R2 R3 O4



CH 2

CHN 79-09-4

CHF C7 H6 O2

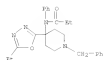


14 ANSWER 5 OF 5 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)

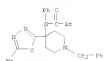
30 120070-59-9 CAPLOS
 CN Propanamide, N-[4-(5-ethyl-1,3,4-oxadiazol-2-yl)-1-(2-phenylethyl)-4-piperidinyl]-N-phenyl- (CA INDEX NAME)



30 120070-60-1 CAPLOS
 CN Propanamide, N-[4-(5-ethyl-1,3,4-oxadiazol-2-yl)-1-(phenylethyl)-4-piperidinyl]-N-phenyl- (CA INDEX NAME)

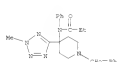


30 120070-61-3 CAPLOS
 CN Propanamide, N-[4-(5-methyl-1,3,4-oxadiazol-2-yl)-1-(phenylethyl)-4-piperidinyl]-N-phenyl- (CA INDEX NAME)

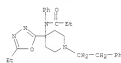


30 120070-62-4 CAPLOS
 CN Propanamide, N-[4-(5-methoxymethyl)-1,3,4-oxadiazol-2-yl)-1-(phenylethyl)-4-piperidinyl]-N-phenyl- (CA INDEX NAME)

14 ANSWER 5 OF 5 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)

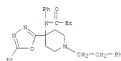


30 120070-61-9 CAPLOS
 CN Propanamide, N-[4-(5-ethyl-1,3,4-oxadiazol-2-yl)-1-(2-phenylethyl)-4-piperidinyl]-N-phenyl- (CA INDEX NAME)



30 120070-69-0 CAPLOS
 CN Propanamide, N-[4-(5-ethyl-1,3,4-oxadiazol-2-yl)-1-(2-phenylethyl)-4-piperidinyl]-N-phenyl-, ethanedioate (1:1) (CA INDEX NAME)

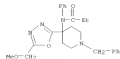
CH 1
 CHF 120070-67-9
 CHF C26 R32 N4 O2



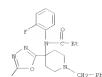
CH 2
 CHF 144-42-7
 CHF C2 R2 O4



14 ANSWER 5 OF 5 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)



30 120070-63-5 CAPLOS
 CN Propanamide, N-[4-(5-ethyl-1,3,4-oxadiazol-2-yl)-1-(phenylethyl)-4-piperidinyl]-N-(2-fluorophenyl)- (CA INDEX NAME)



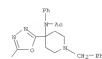
30 120070-64-6 CAPLOS
 CN Propanamide, N-[4-(1-methyl-1H-tetrazol-5-yl)-1-(phenylethyl)-4-piperidinyl]-N-phenyl- (CA INDEX NAME)



30 120070-65-7 CAPLOS
 CN Propanamide, N-[4-(2-methyl-2H-tetrazol-5-yl)-1-(phenylethyl)-4-piperidinyl]-N-phenyl- (CA INDEX NAME)

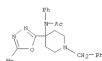
14 ANSWER 5 OF 5 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)

30 120070-71-5 CAPLOS
 CN Acetamide, N-[4-(5-methyl-1,3,4-oxadiazol-2-yl)-1-(phenylethyl)-4-piperidinyl]-N-phenyl- (CA INDEX NAME)



30 120070-72-6 CAPLOS
 CN Acetamide, N-[4-(5-methyl-1,3,4-oxadiazol-2-yl)-1-(phenylethyl)-4-piperidinyl]-N-phenyl-, ethanedioate (1:1) (CA INDEX NAME)

CH 1
 CHF 120070-71-5
 CHF C23 R26 N4 O2



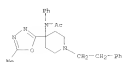
CH 2
 CHF 144-62-7
 CHF C2 R2 O4



30 120070-74-8 CAPLOS
 CN Acetamide, N-[4-(5-methyl-1,3,4-oxadiazol-2-yl)-1-(2-phenylethyl)-4-piperidinyl]-N-phenyl-, ethanedioate (1:1) (CA INDEX NAME)

CH 1
 CHF 120070-73-7
 CHF C24 R26 N4 O2

14 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



CN 2

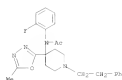
CNS 144-62-7

CNP C2 H2 O4



RN 120070-81-9 CAPLUS

CN Propanamide, N-[4-[5-ethyl-1,3,4-oxadiazol-2-yl]-1-(2-phenylethyl)-4-piperidinyl]-N-phenyl-, monohydrochloride (PC1) (CA INDEX NAME)



● HCl

RN 120070-83-9 CAPLUS

CN Propanamide, N-[4-[5-ethyl-1,3,4-oxadiazol-2-yl]-1-(2-phenylethyl)-4-piperidinyl]-N-phenyl-, ethanediate (1:1) (CA INDEX NAME)

CN 1

CNS 120070-60-2

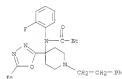
CNP C25 H29 N4 O2

14 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



RN 120070-94-9 CAPLUS

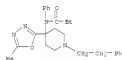
CN Propanamide, N-[4-[5-ethyl-1,3,4-oxadiazol-2-yl]-1-(2-phenylethyl)-4-piperidinyl]-N-[2-(2-fluorophenyl)-, monohydrochloride (PC1) (CA INDEX NAME)



● HCl

RN 120071-02-3 CAPLUS

CN Propanamide, N-[4-[5-methyl-1,3,4-oxadiazol-2-yl]-1-(2-phenylethyl)-4-piperidinyl]-N-phenyl-, (CA INDEX NAME)



RN 120071-01-4 CAPLUS

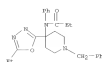
CN Propanamide, N-[4-[5-methyl-1,3,4-oxadiazol-2-yl]-1-(2-phenylethyl)-4-piperidinyl]-N-phenyl-, ethanediate (1:1) (CA INDEX NAME)

CN 1

CNS 120071-00-3

CNP C25 H29 N4 O2

14 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



CN 2

CNS 144-62-7

CNP C2 H2 O4



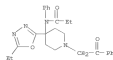
RN 120070-93-1 CAPLUS

CN Propanamide, N-[4-[5-ethyl-1,3,4-oxadiazol-2-yl]-1-(2-oxo-2-phenylethyl)-4-piperidinyl]-N-phenyl-, ethanediate (1:1) (CA INDEX NAME)

CN 1

CNS 120070-92-0

CNP C24 H25 N4 O2

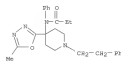


CN 2

CNS 144-62-7

CNP C2 H2 O4

14 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



CN 2

CNS 144-62-7

CNP C2 H2 O4



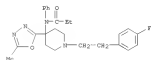
RN 120071-07-0 CAPLUS

CN Propanamide, N-[2-[2-(4-fluorophenyl)ethyl]-4-[5-methyl-1,3,4-oxadiazol-2-yl]-4-piperidinyl]-N-phenyl-, ethanediate (1:1) (CA INDEX NAME)

CN 1

CNS 120071-06-9

CNP C25 H29 F N4 O2



CN 2

CNS 144-62-7

CNP C2 H2 O4



RN 120071-03-2 CAPLUS

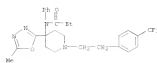
CN Propanamide, N-[4-[5-methyl-1,3,4-oxadiazol-2-yl]-1-(2-[4-

14 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
[trifluoromethyl]phenyl]ethyl]-4-piperidinyl]-N-phenyl-, ethanedioate
(1:1) (CA INDEX NAME)

CH 3

CNN 110071-08-1

CMF C26 R23 P3 M4 O2



CH 2

CNN 144-62-7

CMF C2 R2 O4



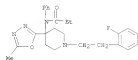
EN 110071-13-8 CAPLUS

CH Propanamide, N-[1-[2-[2-(4-fluorophenyl)ethyl]-4-(5-methyl-1,3,4-oxadiazol-2-yl)-4-piperidinyl]-N-phenyl-, ethanedioate (1:1) (CA INDEX NAME)

CH 1

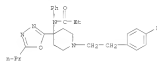
CNN 110071-12-7

CMF C25 R23 F M4 O2



CH 2

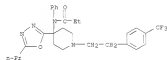
14 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
yl]-4-piperidinyl]-N-phenyl-, monohydrochloride (PC1) (CA INDEX NAME)



● HCl

EN 110071-30-9 CAPLUS

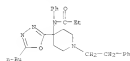
CH Propanamide, N-phenyl-N-[4-(5-propyl-1,3,4-oxadiazol-2-yl)-1-[2-[4-(trifluoromethyl)phenyl]ethyl]-4-piperidinyl]-, monohydrochloride (PC1) (CA INDEX NAME)



● HCl

EN 110071-36-3 CAPLUS

CH Propanamide, N-[4-(5-butyl-1,3,4-oxadiazol-2-yl)-1-[2-phenylethyl]-4-piperidinyl]-N-phenyl-, monohydrochloride (PC1) (CA INDEX NAME)



● HCl

EN 110071-44-7 CAPLUS

CH Propanamide, N-[4-[5-(methoxymethyl)-1,3,4-oxadiazol-2-yl]-3-(2-

14 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

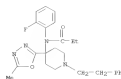
CHN 144-62-7

CMF C2 R2 O4



EN 110071-52-7 CAPLUS

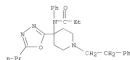
CH Propanamide, N-[2-(5-methyl-1,3,4-oxadiazol-2-yl)-1-(2-phenylethyl)-4-piperidinyl]-, monohydrochloride (PC1) (CA INDEX NAME)



● HCl

EN 110071-25-2 CAPLUS

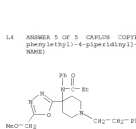
CH Propanamide, N-phenyl-N-[1-(2-phenylethyl)-4-(5-propyl-1,3,4-oxadiazol-2-yl)-4-piperidinyl]-, monohydrochloride (PC1) (CA INDEX NAME)



● HCl

EN 110071-27-4 CAPLUS

CH Propanamide, N-[1-[2-[4-(5-propyl-1,3,4-oxadiazol-2-yl)-4-piperidinyl]-N-phenyl-, monohydrochloride (PC1) (CA INDEX NAME)



● HCl

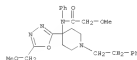
EN 110071-54-7 CAPLUS

CH Acetanide, 2-methoxy-N-[4-(5-methoxymethyl)-1,3,4-oxadiazol-2-yl]-1-(2-phenylethyl)-4-piperidinyl]-N-phenyl-, ethanedioate (1:1) (CA INDEX NAME)

CH 1

CNN 110071-53-6

CMF C26 R22 M4 O4



CH 2

CNN 144-62-7

CMF C2 R2 O4



EN 110071-58-1 CAPLUS

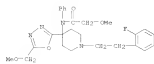
CH Acetanide, N-[1-[2-[2-(4-fluorophenyl)ethyl]-4-(5-(methoxymethyl)-1,3,4-oxadiazol-2-yl)-4-piperidinyl]-2-methoxy-N-phenyl-, ethanedioate (1:1) (CA INDEX NAME)

CH 1

05/13/2008

10-533,833-1.trn

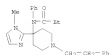
L4 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
 CHE 120071-57-5
 CHE C26 R23 F R4 O4



CHE 2

CHE 144-62-7
CHE C2 R2 O4

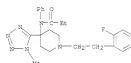
HE 120071-64-9 CAPLUS
 CHE Propanamide, N-[4-(1-methyl-1H-indazol-2-yl)-1-(2-phenylethyl)-4-piperidinyl]-N-phenyl-, ethanedioate (1:1) (CA INDEX NAME)
 CHE 1
 CHE 120071-63-8
 CHE C26 R23 R4 O



CHE 2

CHE 144-62-7
CHE C2 R2 O4

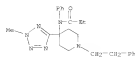
L4 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
 HE 120071-78-5 CAPLUS
 CHE Propanamide, N-[1-[[4-(2-chlorophenyl)ethyl]-4-(1-methyl-1H-tetrazol-5-yl)-4-piperidinyl]-N-phenyl-, ethanedioate (1:1) (CA INDEX NAME)
 CHE 1
 CHE 120071-77-4
 CHE C24 R29 F R6 O



CHE 2

CHE 144-62-7
CHE C2 R2 O4

HE 120071-86-5 CAPLUS
 CHE Propanamide, N-[4-(2-methyl-2H-tetrazol-5-yl)-1-(2-phenylethyl)-4-piperidinyl]-N-phenyl-, ethanedioate (1:1) (CA INDEX NAME)
 CHE 1
 CHE 120071-85-4
 CHE C24 R20 N6 O

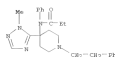


CHE 2

L4 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



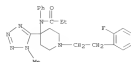
HE 120071-90-7 CAPLUS
 CHE Propanamide, N-[4-(1-methyl-1H-1,2,4-triazol-5-yl)-1-(2-phenylethyl)-4-piperidinyl]-N-phenyl-, ethanedioate (1:1) (CA INDEX NAME)
 CHE 1
 CHE 120071-89-4
 CHE C25 R21 R3 O



CHE 2

CHE 144-62-7
CHE C2 R2 O4

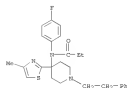
HE 120071-77-4 CAPLUS
 CHE Propanamide, N-[1-[[4-(2-fluorophenyl)ethyl]-4-(1-methyl-1H-tetrazol-5-yl)-4-piperidinyl]-N-phenyl-, ethanedioate (1:1) (CA INDEX NAME)
 CHE 1
 CHE 120071-76-4
 CHE C24 R29 F R6 O



L4 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
 CHE 144-62-7
 CHE C2 R2 O4



HE 120071-98-9 CAPLUS
 CHE Propanamide, N-[1-[[4-(4-methyl-2-thiazolyl)-1-(2-phenylethyl)-4-piperidinyl]-N-phenyl-, ethanedioate (1:1) (PCI) (CA INDEX NAME)
 CHE 1
 CHE 120071-97-8
 CHE C26 R20 F R3 O 8

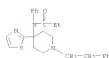


CHE 2

CHE 144-62-7
CHE C2 R2 O4

HE 120072-11-9 CAPLUS
 CHE Propanamide, N-phenyl-N-[1-(2-phenylethyl)-4-(2-thiazolyl)-4-piperidinyl]-, ethanedioate (1:1) (CA INDEX NAME)
 CHE 1
 CHE 120072-10-8
 CHE C25 R29 R3 O 5

L4 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

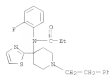


CH 2
 CHN 144-62-7
 CNF C2 H2 O4



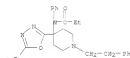
BN 120072-12-1 CAPLUS
 CH Propanamide, N-[4-(5-methyl-2-thiazolyl)-1-(2-phenylethyl)-4-piperidinyl]-n-phenyl-, ethanedioate (1:1) (CA INDEX NAME)

CH 2
 CHN 120072-12-0
 CNF C25 H28 F H3 O 5

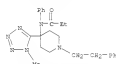


CH 2
 CHN 144-62-7
 CNF C2 H2 O4

L4 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
 CH Propanamide, N-[4-(5-butyl-1,3,4-oxadiazol-2-yl)-1-(2-phenylethyl)-4-piperidinyl]-n-phenyl-, ethanedioate (1:1) (CA INDEX NAME)

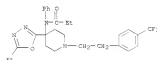


BN 120072-34-6 CAPLUS
 CH Propanamide, N-[4-(5-methyl-1,3,4-tetrazol-5-yl)-1-(2-phenylethyl)-4-piperidinyl]-n-phenyl-, ethanedioate (1:1) (CA INDEX NAME)



BN 120072-36-8 CAPLUS
 CH Propanamide, N-[4-(5-ethyl-1,3,4-oxadiazol-2-yl)-1-(2-[4-(trifluoromethyl)phenyl]ethyl)-4-piperidinyl]-n-phenyl-, ethanedioate (1:1) (CA INDEX NAME)

CH 2
 CHN 120072-35-7
 CNF C27 H23 F3 H4 O2



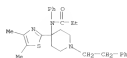
CH 2
 CHN 144-62-7
 CNF C2 H2 O4

L4 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



BN 120072-19-7 CAPLUS
 CH Propanamide, N-[4-(4,5-dimethyl-2-thiazolyl)-1-(2-phenylethyl)-4-piperidinyl]-n-phenyl-, ethanedioate (1:1) (CA INDEX NAME)

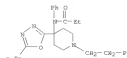
CH 1
 CHN 120072-18-6
 CNF C27 H23 H3 O 5



CH 2
 CHN 144-62-7
 CNF C2 H2 O4



BN 120072-30-2 CAPLUS
 CH Propanamide, N-phenyl-N-[1-(2-phenylethyl)-4-(5-propyl-1,3,4-oxadiazol-2-yl)-4-piperidinyl]-n-phenyl-, ethanedioate (1:1) (CA INDEX NAME)



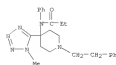
BN 120072-32-4 CAPLUS

L4 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



BN 120072-37-9 CAPLUS
 CH Propanamide, N-[4-(1-methyl-1,3,4-tetrazol-5-yl)-1-(2-phenylethyl)-4-piperidinyl]-n-phenyl-, ethanedioate (1:1) (CA INDEX NAME)

CH 1
 CHN 120072-34-6
 CNF C24 H20 H4 O

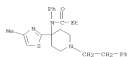


CH 2
 CHN 144-62-7
 CNF C2 H2 O4



BN 120155-15-5 CAPLUS
 CH Propanamide, N-[4-(4-methyl-2-thiazolyl)-1-(2-phenylethyl)-4-piperidinyl]-n-phenyl-, ethanedioate (1:1) (CA INDEX NAME)

CH 1
 CHN 120070-50-0
 CNF C26 H23 H3 O 5



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10-533,833-1.trn

L4 ARSMEER 5 OF 5 CAPLUS COPYRIGHT 2008 ACS on JTN (Continued)

CH 2

CH2 144-62-7

CH2 C3 H2 O4



05/13/2008

10-533,833-1.trn

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